

ART 34 AMDT

CLAIMS

1. (amended) An inkjet recording ink composed of a high-molecular dispersant, a water-insoluble colorant, a water-soluble organic solvent and water, characterized in that said water-insoluble colorant is at least one colorant selected from the group consisting of C.I. Solvent Yellow 21, C.I. Solvent Yellow 42, C.I. Solvent Yellow 79, C.I. Solvent Yellow 82, C.I. Solvent Yellow 83:1, C.I. Solvent Yellow 88 and C.I. Solvent Yellow 151, at least one colorant selected from the group consisting of C.I. Solvent Red 8, C.I. Solvent Red 49, C.I. Solvent Red 83:1, C.I. Solvent Red 91, C.I. Solvent Red 127 and C.I. Solvent Red 218, at least one colorant selected from the group consisting of C.I. Solvent Black 3, C.I. Solvent Black 27, C.I. Solvent Black 29 and C.I. Solvent Black 45, or at least one colorant selected from the group consisting of C.I. Solvent Blue 25, C.I. Solvent Blue 38, C.I. Solvent Blue 44, C.I. Solvent Blue 67 and C.I. Solvent Blue 70; and said high-molecular dispersant is a block copolymer comprising at least one hydrophobic block and at least one hydrophilic block, and said at least one hydrophobic block and at least one hydrophilic block have been obtained by polymerizing vinyl ethers as monomers, respectively; wherein said at least one hydrophilic block in said high-molecular dispersant is formed of an anionic vinyl ether.

2. (cancelled)

3. (cancelled)

4. An inkjet recording ink according to claim 1, wherein said at least one hydrophilic block in said high-molecular dispersant is formed of at least two blocks consisting of a block formed of a nonionic vinyl ether and a block formed of an anionic vinyl ether.

5. An inkjet recording ink according to claim 1, wherein said high-molecular dispersant comprises at least three blocks

consisting of a block formed of one of hydrophobic vinyl ethers, a block formed of one of nonionic hydrophilic vinyl ethers and a block formed of one of anionic hydrophilic vinyl ethers.

5 6. An inkjet recording ink according to claim 1, wherein said block copolymer has a number average molecular weight of from 500 to 20,000,000.

10 7. An inkjet recording ink according to any one of claims 1-6, wherein particles of said water-insoluble colorant dispersed by said high-molecular dispersant have an average particle size not greater than 80 nm.

8. An inkjet recording method, which is conducted by applying energy to an ink to cause said ink to fly onto a recording medium, characterized in that said ink is an ink as defined in any one of claims 1-7.

15 9. An inkjet recording method according to claim 8, wherein said energy is thermal energy.

10 10. An inkjet recording method according to claim 8, wherein said recording medium has an ink-receiving coating layer on at least one of opposite sides thereof.

20 11. An ink cartridge provided with an ink reservoir with an ink stored therein, characterized in that said ink is an ink as defined in any one of claims 1-7.

25 12. An inkjet recording system provided with an ink cartridge, which is provided with an ink reservoir with an ink stored therein, and also with a recording head portion for ejecting said ink, characterized in that said ink is an ink as defined in any one of claims 1-7.